1	1.	A material distributing device comprising,
2		a hopper for carrying a load of material to be distributed,
3		a conveyor belt having paddles thereon for engaging and moving the material to
4	be dis	tributed, the conveyor belt supported by a framework which is pivotally connected
5	to the	hopper and engages the material in the hopper from the top of the material,
6		a drive mechanism attached to the conveyor belt for powering the conveyor belt
7	and removing the material from the hopper.	
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1	2.	A material distributing device as in claim 1 wherein,
2		the hopper is supported on a trailer, and
3		the drive mechanism includes a trailer wheel having a sprocket, the sprocket
4	having	g a chain for transmitting power to a sprocket on a drive axel for turning the
5	conve	yor belt such that as the drive wheel of the trailer turns when the trailer is moving
6	the conveyor belt moves at a rate proportional to the trailers speed to unload the material	
7	in the	hopper to distribute the load at a known rate.
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1	3.	A material distributing device as in claim 2 wherein,
2		a clutch attached to the sprocket on a drive axel for turning the conveyor belt
3	alterna	ately engages the drive axel to distribute the material in the hopper at desired times.
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1 A material distributing device as in claim 2 wherein, 4. 1 a gear shifting mechanism in conjunction with the sprocket on the drive wheel 2 and the sprocket on the drive axel for turning the conveyor belt changes the ratio of the 3 drive wheel speed to the conveyor belt speed for varying the rate of material distribution 4 from the hopper. 5 1 A material distributing device as in claim 3 wherein, 5. 1 a gear shifting mechanism in conjunction with the sprocket on the drive wheel 2 and the sprocket on the drive axel for turning the conveyor belt changes the ratio of the 3 drive wheel speed to the conveyor belt speed for varying the rate of material distribution 4 5 from the hopper. 1 A material distributing device as in claim 3 wherein, 6. 1 a drive motor drives the drive axel for turning the conveyor belt such that the 2 material can be unloaded from the hopper when the motor is on and unloads the hopper at 3 a rate directly proportional to the motor speed. 4 1 A material distributing device as in claim 1 wherein, 7. 1 a drive mechanism raises and lowers the conveyor belt support framework to 2 engage or disengage the conveyor belt from the material to be distributed and to aid in 3 loading the hopper with the conveyor out of the way. 4

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1 A material distributing device as in claim 2 wherein, 8. 1 a drive mechanism raises and lowers the conveyor belt support framework to 2 engage or disengage the conveyor belt from the material to be distributed and to aid in 3 loading the hopper with the conveyor out of the way. 4 1 A material distributing device as in claim 3 wherein, 9. 1 a drive mechanism raises and lowers the conveyor belt support framework to 2 engage or disengage the conveyor belt from the material to be distributed and to aid in 3 loading the hopper with the conveyor out of the way. 4 1 A material distributing device as in claim 4 wherein, 1 10. a drive mechanism raises and lowers the conveyor belt support framework to 2 engage or disengage the conveyor belt from the material to be distributed and to aid in 3 loading the hopper with the conveyor out of the way. 4 1 A material distributing device as in claim 5 wherein, 11. 1 a drive mechanism raises and lowers the conveyor belt support framework to 2 engage or disengage the conveyor belt from the material to be distributed and to aid in

loading the hopper with the conveyor out of the way.

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1 12. A material distributing device as in claim 6 wherein,

- a drive mechanism raises and lowers the conveyor belt support framework to
- 3 engage or disengage the conveyor belt from the material to be distributed and to aid in
- 4 loading the hopper with the conveyor out of the way.